

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC062921AL\
 Data File : FC054497.D
 Signal(s) : FID1A.CH
 Acq On : 29 Jun 2021 16:56
 Operator : DD\AJ
 Sample : PB137377BSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB137377BSD

Manual Integrations
 APPROVED

mohammad
 6/30/2021 2:07:45 PM

Integration File: sample.E
 Quant Time: Jun 30 04:00:01 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 062521.M
 Quant Title : GC Extractables
 QLast Update : Sat Jun 26 02:10:35 2021
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
12) S 1-chlorooctadecane (S...	12.785	7110127	63.782 ug/ml
Spiked Amount 50.000		Recovery =	127.56%
Target Compounds			
1) T n-Nonane (C9)	3.150	1649721	14.029 ug/ml
2) T n-Decane (C10)	4.205	2924997	24.633 ug/ml
4) T n-Dodecane (C12)	6.212	5089093	42.461 ug/ml
6) T n-Tetradecane (C14)	8.002	6197684	50.868 ug/ml
7) T n-Hexadecane (C16)	9.598	6927495	55.615 ug/ml
8) T n-Octadecane (C18)	11.037	7612782	58.941 ug/ml
10) T n-Eicosane (C20)	12.344	7427797	57.084 ug/ml
11) T n-Heneicosane (C21)	12.954	7436650	56.012 ug/ml
13) T n-Docosane (C22)	13.539	7273536	54.902 ug/ml
14) T n-Tetracosane (C24)	14.640	7290037	53.853 ug/ml
15) T n-Hexacosane (C26)	15.658	6849683	50.549 ug/ml
16) T n-Octacosane (C28)	16.606	6675349	48.634 ug/ml
17) T n-Tricontane (C30)	17.494	6342944	45.796 ug/ml
18) T n-Dotriacontane (C32)	18.324	6100257	44.589 ug/ml
19) T n-Tetratriacontane (C34)	19.107	5975776	44.227 ug/ml
20) T n-Hexatriacontane (C36)	19.845	5777480	46.804 ug/mlm
21) T n-Octatriacontane (C38)	20.553	5615537	49.644 ug/mlm
22) T n-Tetracontane (C40)	21.374	6051665	53.541 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 10 Sample Multiplier: 1

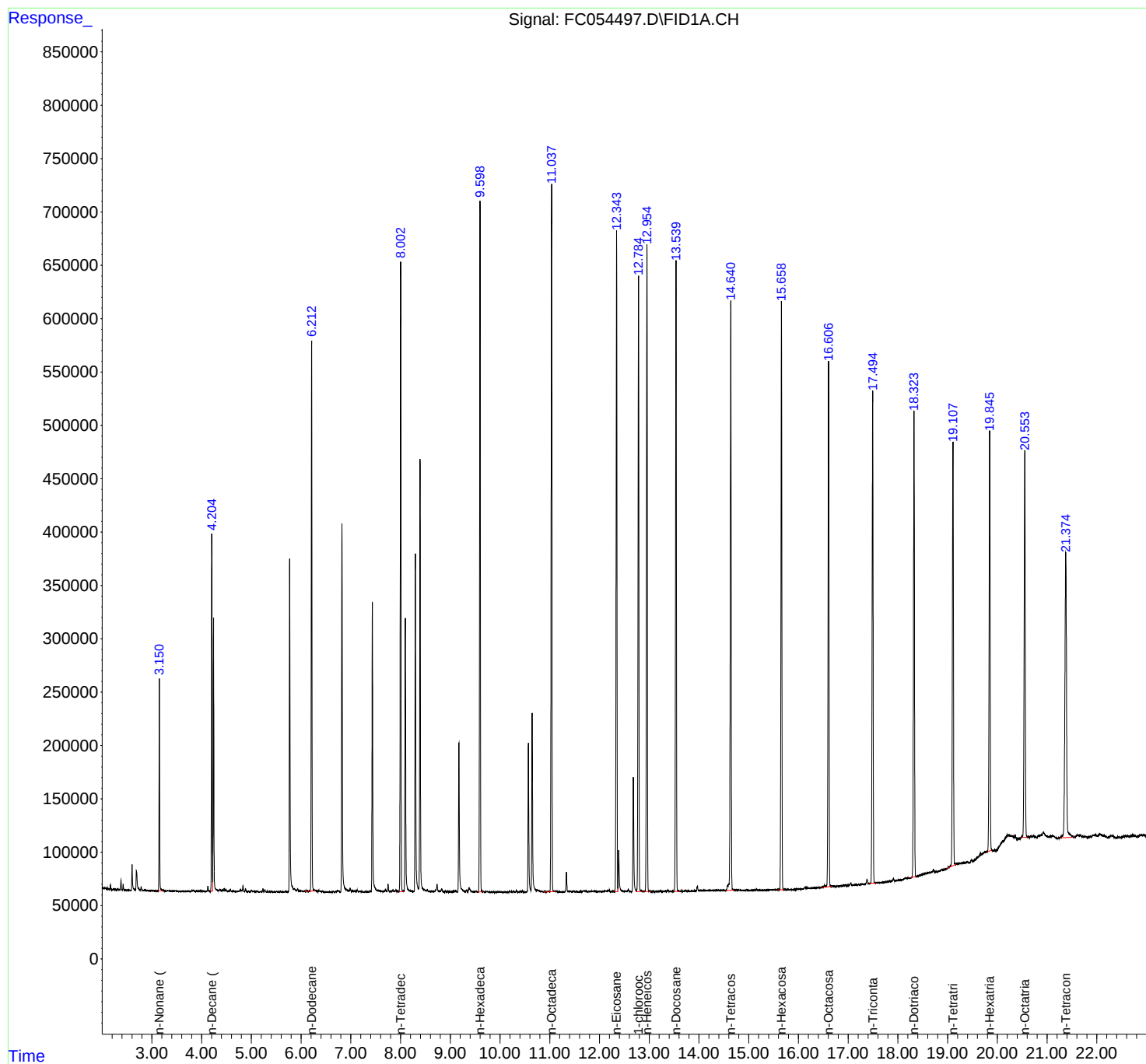
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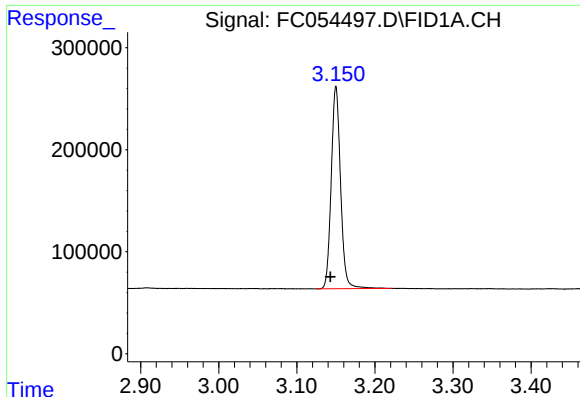
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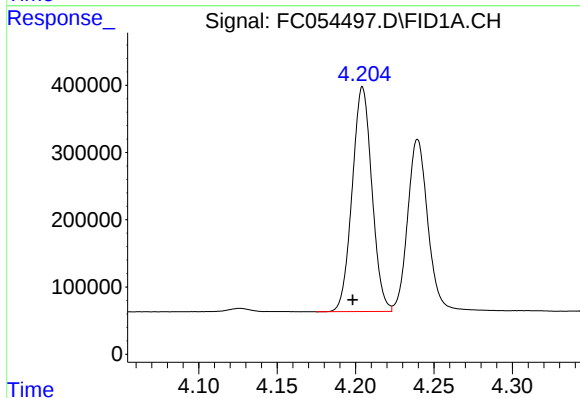
#1 n-Nonane (C9)

R.T.: 3.150 min
Delta R.T.: 0.007 min
Response: 1649721
Conc: 14.03 ug/ml

Instrument :
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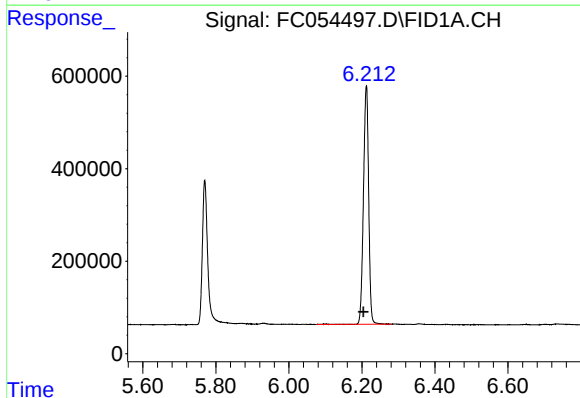
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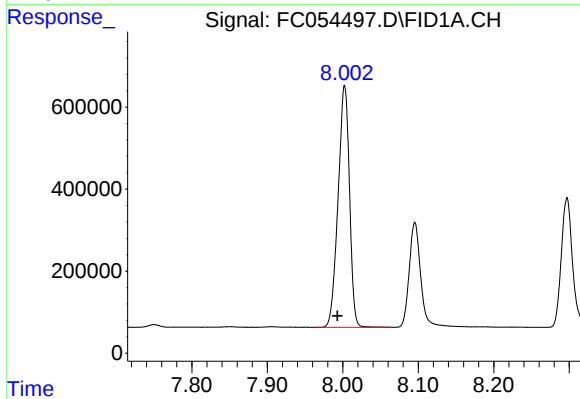
#2 n-Decane (C10)

R.T.: 4.205 min
Delta R.T.: 0.006 min
Response: 2924997
Conc: 24.63 ug/ml



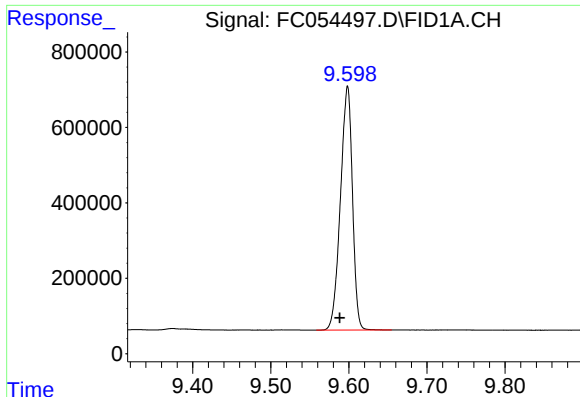
#4 n-Dodecane (C12)

R.T.: 6.212 min
Delta R.T.: 0.007 min
Response: 5089093
Conc: 42.46 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.002 min
Delta R.T.: 0.009 min
Response: 6197684
Conc: 50.87 ug/ml



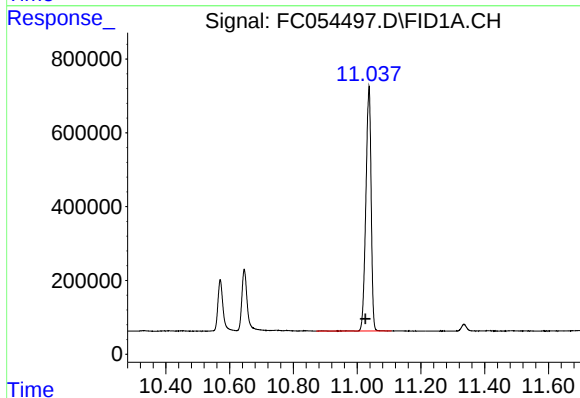
#7 n-Hexadecane (C16)

R.T.: 9.598 min
Delta R.T.: 0.010 min
Response: 6927495
Conc: 55.62 ug/ml

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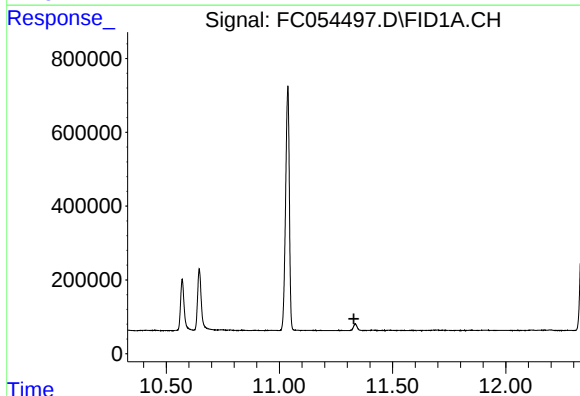
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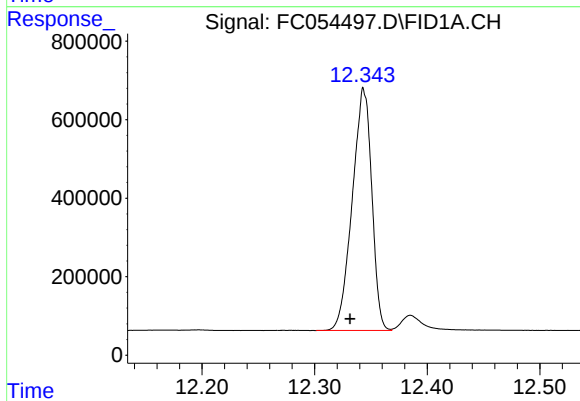
#8 n-Octadecane (C18)

R.T.: 11.037 min
Delta R.T.: 0.011 min
Response: 7612782
Conc: 58.94 ug/ml



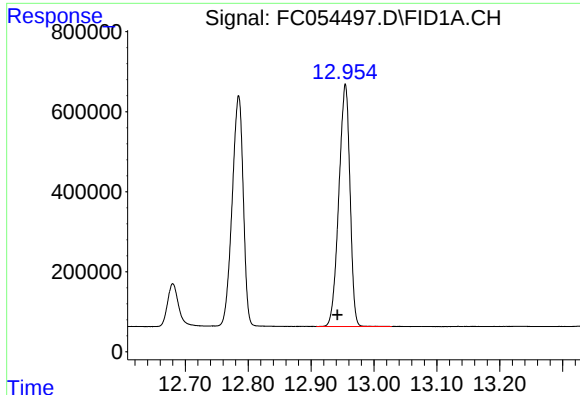
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.329 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.344 min
Delta R.T.: 0.012 min
Response: 7427797
Conc: 57.08 ug/ml



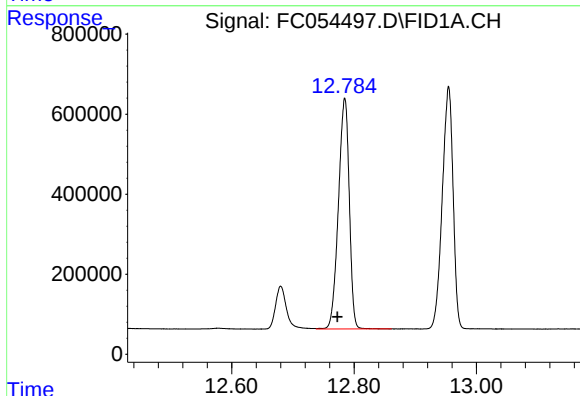
#11 n-Heneicosane (C21)

R.T.: 12.954 min
Delta R.T.: 0.013 min
Response: 7436650
Conc: 56.01 ug/ml

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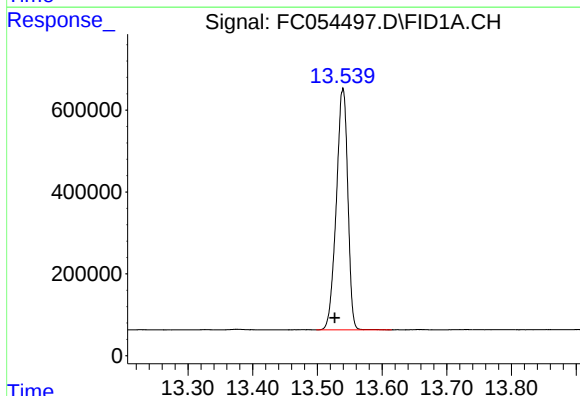
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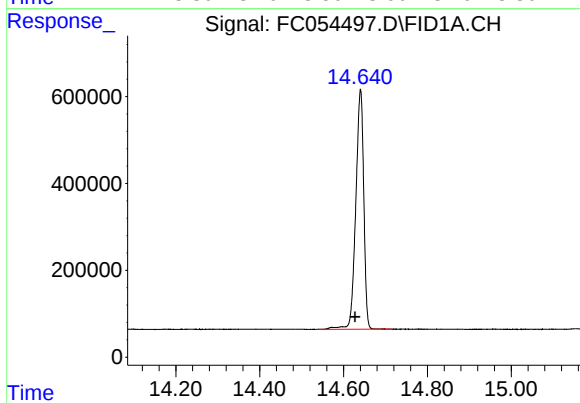
#12 1-chlorooctadecane (SURR)

R.T.: 12.785 min
Delta R.T.: 0.012 min
Response: 7110127
Conc: 63.78 ug/ml



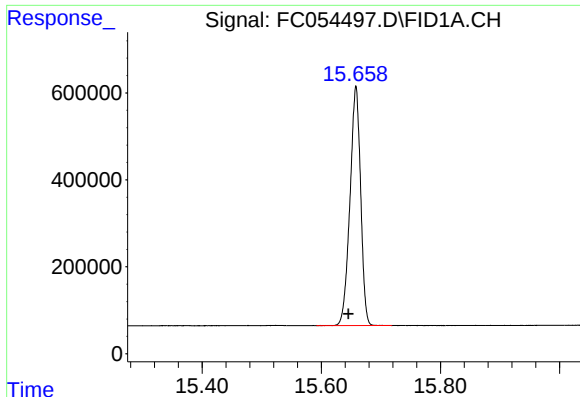
#13 n-Docosane (C22)

R.T.: 13.539 min
Delta R.T.: 0.013 min
Response: 7273536
Conc: 54.90 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.640 min
Delta R.T.: 0.013 min
Response: 7290037
Conc: 53.85 ug/ml



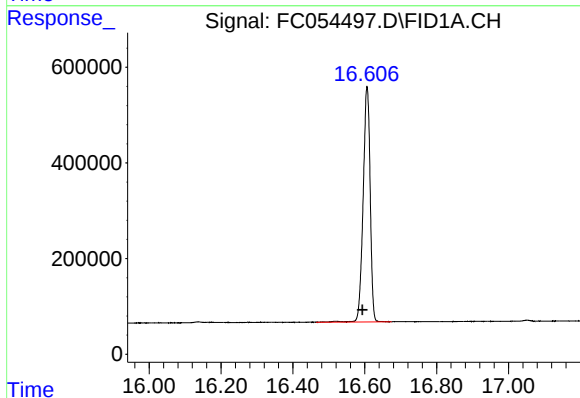
#15 n-Hexacosane (C26)

R.T.: 15.658 min
Delta R.T.: 0.013 min
Response: 6849683
Conc: 50.55 ug/ml

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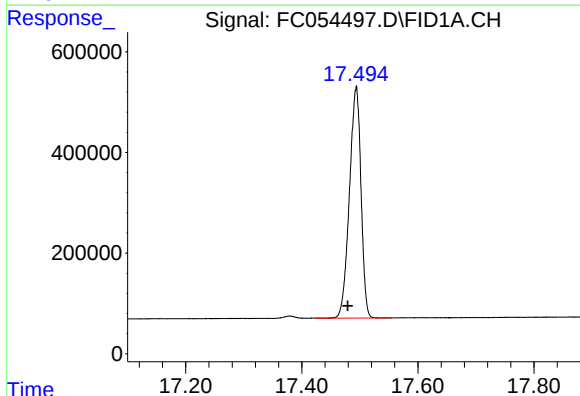
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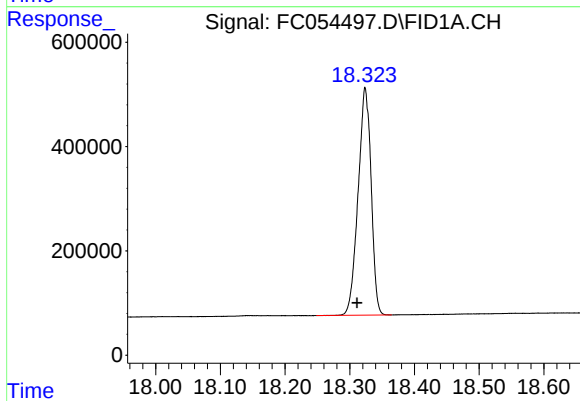
#16 n-Octacosane (C28)

R.T.: 16.606 min
Delta R.T.: 0.013 min
Response: 6675349
Conc: 48.63 ug/ml



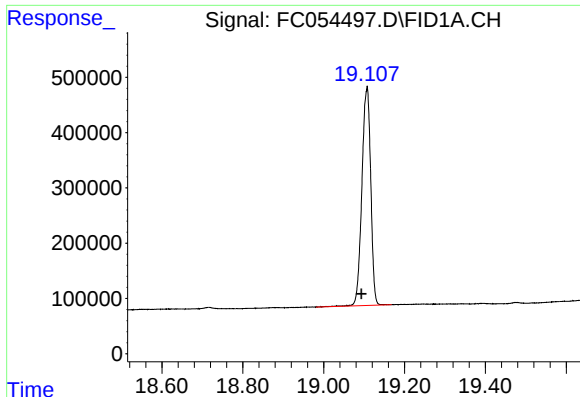
#17 n-Tricontane (C30)

R.T.: 17.494 min
Delta R.T.: 0.014 min
Response: 6342944
Conc: 45.80 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.324 min
Delta R.T.: 0.013 min
Response: 6100257
Conc: 44.59 ug/ml



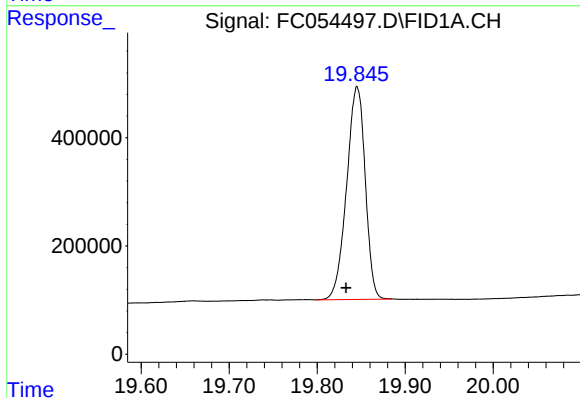
#19 n-Tetratriacontane (C34)

R.T.: 19.107 min
Delta R.T.: 0.013 min
Response: 5975776
Conc: 44.23 ug/ml

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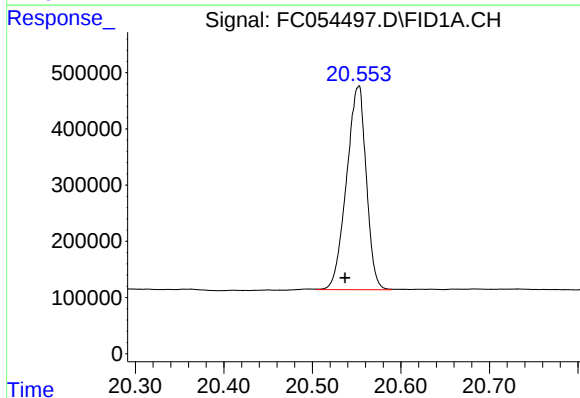
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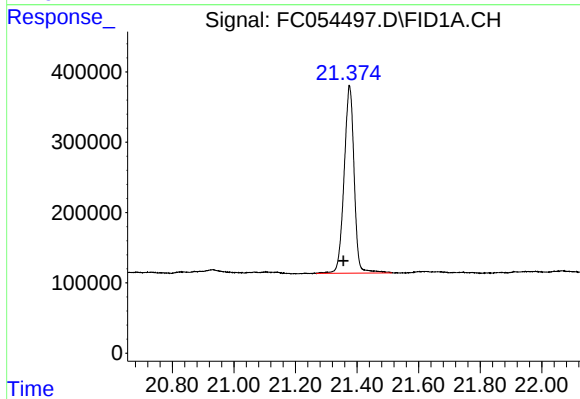
#20 n-Hexatriacontane (C36)

R.T.: 19.845 min
Delta R.T.: 0.012 min
Response: 5777480
Conc: 46.80 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.553 min
Delta R.T.: 0.016 min
Response: 5615537
Conc: 49.64 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.374 min
Delta R.T.: 0.018 min
Response: 6051665
Conc: 53.54 ug/ml m